

Lencolo 5022 (754) Photoinitiator

CAS#: 211510-16-6

Description

Lencolo 5023 is a low yellowing liquid UV photoinitiator for initiating UV polymerization of unsaturated prepolymerized systems. It achieves a good balance between low residual odor, low exotherm after curing and curing efficiency.

Technical data

Molecular formula	C20H18O7
Molecule weight(g/mol)	370.35
Ingredients	Benzoylformate mixture
Appearance	Slightly yellow liquid
Purity (%)	≥99
Absorption peak(nm)	255、325

Applications

Clear varnish commonly used on wood and plastic surfaces. It can be used in optical films, and can be applied to traditional UV curing formulations, especially in fields requiring low odor, low exotherm, and low yellowing.

Usage

Film thickness 5-20μm: 2-4 %

Film thickness 20μm: 1-3%

Users are advised to determine the optimum dosage by experiment before use.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Recommended storage temperature is not higher than 30°C. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. Safe storage time is 6 months at room temperature(25°C) and under ventilation. 25KG/barrel

Tips: Lencolo 5022 Low odor, low exotherm, good yellowing resistance.

Note: Technical data represents typical values only. In view of the differences in formulas, production process, conditions, all the above statements must be adjusted according to the actual situation, our company does not make any promises. Our company reserves the right to reform its products without prior notice of any changes.